

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Michael I. Catherwood  
Serial No.: 09/870,944  
Filing Date: June 1, 2001  
Group Art Unit: 2124  
Examiner: Chat C. Do  
Title: *Dual Mode Arithmetic Saturation Processing*

Mail Stop AF  
Commissioner of Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

I hereby certify that this Information Disclosure Statement is being deposited with the United States Postal Service as Express Mail EV351287601US addressed to: Mail Stop AF, Commissioner of Patents, Alexandria, VA 22313-1450, on the date shown below.

  
Adesewa Falehi

2/15/05

Date

Dear Sir:

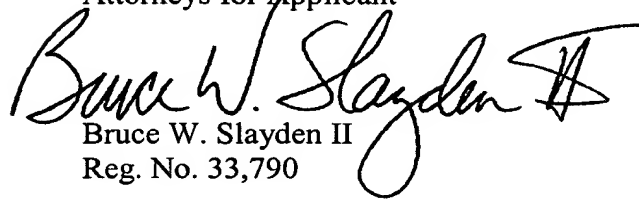
**INFORMATION DISCLOSURE STATEMENT**

Applicant respectfully requests, pursuant to 37 C.F.R. §§1.56, 1.97 and 1.98, that the references listed on the attached PTO-1449 form be considered and cited in the examination of the above-identified application. Copies of the references are enclosed for the convenience of the Examiner. Furthermore, pursuant to 37 C.F.R. §§1.97 (g) and (h), no representation is made that these references are material to the patentability of the present application.

Applicant encloses a check in the amount of \$180.00, the Commissioner is hereby authorized to charge any additional fees or credit any overpayments to Deposit Account No. 50-2148 of Baker Botts L.L.P.

Respectfully submitted,

BAKER BOTTS L.L.P.  
Attorneys for Applicant



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Reg. No. 33,790

Date: February 15, 2005

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PTO-1449	Application No.	Applicant(s)	
	09/870,944	Michael I. Catherwood	
	Docket Number	Group Art Unit	Filing Date
	068354.1443	2124	June 1, 2001

**Information Disclosure Citation  
in an Application**

**U.S. PATENT DOCUMENTS**

	DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE
	3930253	12/30/75	Maida	340	347	1/24/74
B.	4323981	4/6/82	Nakamura	364	749	10/23/78
C.	4615005	9/30/86	Maejima et al.	713	601	7/20/84
D.	4742479	5/3/88	Kloker et al.	364	746	3/25/85
E.	4768149	8/30/88	Konopik et al.	364	200	8/29/85
F.	4800524	1/24/89	Roesgen	364	900	12/2/87
G.	5034887	7/23/91	Yasui et al.	364	200	7/27/90
H.	5040178	8/13/91	Lindsay et al.	371	21.5	5/12/89
I.	5177373	1/5/93	Nakamura	307	265	9/27/91
J.	5239654	8/24/93	Ing-Simmons et al.	395	800	11/17/89
K.	5375080	12/20/94	Davies	364	736.5	12/18/92
L.	5392435	2/21/95	Masui et al.	395	725	9/29/93

**FOREIGN PATENT DOCUMENTS**

	DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
M.	01037124 A	2/1989	JP (w/abstract)	H03M	001/82		X
N.	96/11443	4/18/96	WO	G06F	15/78	X	
O.	0 992 888	12/04/00	EP	G06F	9/32	X	
P.	0 992 889	12/14/00	EP	G06F	9/32	X	

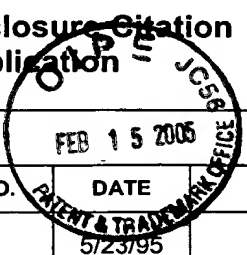
**NON-PATENT DOCUMENTS - DOCUMENT (Including Author, Title, Source, and Pertinent Pages)**

Q.	Moon B I et al.: "A 32-bit RISC Microprocessor with DSP Functionality: Rapid Prototyping" IEICE Transactions on Fundamentals of Electronics, Communications and Computer Sciences, Institute of Electronics Information and Comm. Eng. Tokyo, JP, vol. E84-A no. 5, pages 1339-1347, XP001060025 ISSN: 0916-8508	May 2001
R.	Turley J: "Balancing Conflicting Requirements When Mixing RISC, DSPs" Computer Design, Pennwell Publ. Littleton, Massachusetts, IS, vol. 37, no. 10, pages 46, 48, 50-53, XP000860706 ISSN:0010-4566	October 1998
S.	Levy M: "Microprocessor and DSP Technologies Unite for Embedded Applications" EDN Electrical Design News, Cahners Publishing Co., Newtown Massachusetts, US, no. Europe, pages 73-74, 76, 78-80, XP000779113 ISSN: 0012-7515	2 March 1998
T.	Intel, Pentium Processor Family Developer's Manual, Volume 3: Architecture and Programming Manual, , Pages 3-1, 3-2, 3-15, 14-1 to 14-30, 18-7, and 25-289 to 25-292	1995
U.	Intel, Embedded Intel486 Processor Family Developer's Manual, pgs. 2-2, 3-17, 3-37, 4-5, 4-6, 10-1 to 10-12, 12-1 to 12-10	10/1997
V.	Moore, M "Z80 Family Interrupt Structure". Barleywood (online), retrieved from the internet <URL: http://www.gaby.de/z80/1653.htm>	1997
W.	PCT Search Report based on PCT/US02/16706, 6 pages	Mailed 9/27/02

EXAMINER	DATE CONSIDERED
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EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

PTO-1449		Application No. <b>09/870,944</b>		Applicant(s) <b>Michael I. Catherwood</b>	
<b>Information Disclosure Citation in an Application</b>		Docket Number <b>068354.1443</b>		Group Art Unit <b>2124</b>	Filing Date <b>June 1, 2001</b>



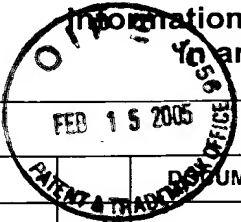
U.S. PATENT DOCUMENTS						
	DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE
A.	5418976	5/23/95	Iida	395	800	12/21/92
B.	5432943	7/11/95	Mitsuishi	395	725	4/19/93
C.	5504916	4/2/96	Murakami et al.	395	800	9/28/93
D.	5525874	6/11/96	Mallarapu et al.	318	254	1/30/95
E.	5561619	10/1/96	Watanabe et al.	364	736.5	9/20/94
F.	5564028	10/8/96	Swoboda et al.	395	375	1/11/94
G.	5611061	3/11/97	Yasuda	395	591	11/24/93
H.	5649146	7/15/97	Riou	395	421.07	3/30/95
I.	5659700	8/19/97	Chen et al.	395	421.07	2/14/95
J.	5706466	1/6/98	Dockser	395	452	1/13/95
K.	5740451	4/14/98	Muraki et al.	395	733	10/28/96
L.	5748970	5/5/98	Miyaji et al.	395	733	4/30/96
M.	5765218	6/9/98	Ozawa et al.	711	219	3/10/95
N.	5778237	7/7/98	Yamamoto et al.	713	322	12/14/95
O.	5812868	9/22/98	Moyer et al.	395	800.23	9/16/96
P.	5815693	9/29/98	McDermott et al.	713	501	12/15/95
Q.	5826072	10/20/98	Knapp et al.	395	567	11/13/95
R.	5867726	2/2/99	Ohsuga et al.	395	800.32	4/10/96

FOREIGN PATENT DOCUMENTS							
	DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
S.							
T.							

NON-PATENT DOCUMENTS - DOCUMENT (Including Author, Title, Source, and Pertinent Pages)		
U.	PCT Search Report based on PCT/US02/16705, 7 pages	Mailed 9/9/02
V.	PCT Search Report based on PCT/US02/16921, 4 pages	Mailed 10/18/02
W.	SPARC, International, Inc., "The SPARC Architecture Manual", Version 8, pp 1-303	1992
X.	SPARC, International, Inc., "The SPARC Architecture Manual", Version 9, pp. 137-299	1994-2000
Y.	Free On-Line Dictionary of Computing (FOLDOC), <a href="http://wombat.doc.ic.ac.uk/foldoc/foldoc.cgi?query=program+counter">http://wombat.doc.ic.ac.uk/foldoc/foldoc.cgi?query=program+counter</a>	1995

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<b>U.S. PATENT DOCUMENTS</b>						
	DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE
A.	5875342	2/23/99	Temple	395	733	6/3/97
B.	5900683	5/4/99	Rinehart et al.	307	126	12/23/97
C.	5918252	6/29/99	Chen et al.	711	217	11/25/96
D.	5937199	8/10/99	Temple	395	335	6/3/97
E.	5974549	10/26/99	Golan	713	200	3/27/97
F.	5978825	11/2/99	Divine et al.	708	525	11/14/97
G.	5983333	11/9/99	Kolagotia et al.	711	219	8/27/97
H.	5991868	11/23/99	Kamiyama et al.	712	32	5/19/94
I.	6018757	1/25/00	Wong	708	525	8/8/96
J.	6049858	4/11/00	Kolagotia et al.	711	217	8/27/97
K.	6055619	4/25/00	North et al.	713	36	2/7/97
L.	6084880	7/4/00	Bailey et al.	370	395	6/30/97
M.	6181151	1/30/01	Wasson	324	765	10/28/98
N.	6202163	3/13/01	Gabzdyl et al.	713	324	3/10/98
O.	6209086	3/27/01	Chi et al.	712	244	11/10/98
P.	6243786	6/5/01	Huang et al.	710	262	12/23/98
Q.	6260162	7/10/01	Typaldos et al.	714	55	10/31/98
R.	6282637	8/28/01	Chan et al.	712	223	12/2/98
S.	6292866	9/18/01	Zaiki et al.	710	264	3/30/99
T.	6315200	11/13/01	Silverbrook et al.	235	454	7/10/98
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U.S. PATENT DOCUMENTS							
	DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE	
A.	6356970	3/12/02	Killian et al.	710	269	5/28/99	
B.	6397318	5/28/02	Peh	711	220	4/2/98	
C.	2002/0194466	12/19/02	Catherwood et al.	712	241	6/1/01	
D.	2003/0093656	5/15/03	Masse et al.	712	241	10/1/99	
E.	6658578	12/2/03	Laurenti et al.	713	324	10/1/99	
F.	6681280	1/20/04	Miyake et al.	710	261	10/4/00	
G.	6728856	4/27/04	Grosbach et al.	711	202	6/1/01	
H.	6763478	7/13/04	Vinh X. Bui	713	600	10/24/00	
I.	6751742	6/15/04	Duhault et al.	713	323	8/31/99	
J.							
K.							
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